CHENYUAN YANG

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EDUCATION

Fudan University, Shanghai, China | **Majoring in Computer Science and Technology | Sep 2022 – Jun 2026**
- **Cumulative GPA**: 3.67/4.0
- Third Prize for the 2023-2024 & 2022-2023 academic year Fudan University Outstanding Student Scholarship

Exchange Program, **University of California, Davis,** Davis CA, US **| Sep 2024 – Dec 2024**
- **Cumulative GPA**: 4.0/4.0

COMPUTER SKILLS

Programming Languages: C / C++ / Python / R /Bash
Front-end Frameworks: Vue(HTML, JavaScript/TypeScript, CSS), React
Database: PostgreSQL
Operating Systems: Project development based on Linux
Hardware Design: Designing hardware logic in Vivado and conducting simulation verification

PROJECTS AND LABORATORY EXPERIENCE

Fudan University Natural Language Processing Group, Shanghai, China   Apr 2024 – Present
Undergraduate Intern
- Conducted data preprocessing and cleansing to prepare datasets for NLP model training and evaluation, ensuring high-quality input. Assisted in the creation and evaluation of datasets, including labeling and quality assurance, for supervised and unsupervised learning tasks in areas such as sentiment analysis, information extraction, and text summarization.
- Designed and implemented a safety alignment experiment using Python and PyTorch, ensuring that the outputs align with safety standards or ethical guidelines to prevent harmful, biased, or inappropriate content. Developed an automated evaluation method to ensure that model outputs meet all specified constraints, thereby enhancing their instruction-following capabilities.

THINKDRIVE Autonomous Driving and Digital Twin System (Entrepreneurship Training Project), Shanghai, China
Web Front-end Developer   Apr 2024 – Present
- Constructed the web interface for the digital twin system. Designed intuitive and responsive user interfaces, improving user interaction experience. Implemented front-end data processing logic to ensure seamless data integration and presentation, along with maintenance and optimization.
- Assisted in building a complete simulation training platform for efficient training and improvement of the autonomous driving AI model.

Win **Excellence Award & Popularity Award** in the **Shanghai Library Open Data Competition**
Team Leader, Web Front-end Developer   Jun 2024 – Aug 2024
- Led the team to build the "Shanghai Showcase" website(https://www.sharch.city), which offers an immersive guided tour of Shanghai's historic buildings, empowering the preservation of architectural heritage
- Designed and built an appealing and highly interactive website interface. Assisted with extracting data from open databases and employing RAG technology to retrieve information from customized databases.

INTERNSHIP

Software Testing & Development Intern, **Transwarp,** Shanghai   Dec 2024 – Present
- Designed testing strategies. Conducted automated testing in diverse simulation settings to monitor ArgoDB's performance metrics, identifying issues and bottlenecks.
- Analyzed test results and performed initial troubleshooting to pinpoint issues, providing actionable insights for optimization.
- Developed a web-based real-time dashboard to display test results and analysis reports, enabling development and product teams to track metrics and make data-driven decisions.

LEADERSHIP EXPERIENCE AND VOLUNTEER SERVICES

Class President of the **Computer Science Undergraduates Class of 2022**   Sep 2023 – Present
- Assisted the counselor in managing a class of 120 students, organizing and coordinating various internal and external activities, including spring outings, choir competitions, and the production of military training videos.
- Ensured efficient and orderly class operations, enhancing teacher-student connections and class cohesion.

Volunteer Services:
- FISS (Fudan University Summer International Program) Buddy | Preparation of various tasks to assist summer exchange students | Jul 2024 – Aug 2024
- Ceramic Art Association "Sunshine Home" Practice Activity | Guiding individuals with intellectual disabilities in making ceramics | Mar 2023 – May 2023